

Title (en)  
Filament support for incandescent lamps

Title (de)  
Glühlampendrahtträger

Title (fr)  
Support pour le filament des lampes à incandescence

Publication  
**EP 0562871 B1 19971112 (EN)**

Application  
**EP 93302354 A 19930326**

Priority  
US 85918592 A 19920327

Abstract (en)  
[origin: EP0562871A1] An incandescent lamp (54) containing a coiled filament (28) within a vitreous envelope wherein the filament is supported at at least one point along its coil length by a refractory metal support wire (10) one end of which is welded to a coil (28) and the other end secured to the envelope wall by a glass bead (24). The support prevents filament sag during lamp operation and is especially useful with double-ended high intensity tungsten-halogen lamps having an elliptically shaped filament chamber with an infrared reflecting and visible light transmitting optical interference coating on the chamber. <IMAGE>

IPC 1-7  
**H01K 1/24**; **H01K 3/06**

IPC 8 full level  
**H01K 1/20** (2006.01); **H01K 1/18** (2006.01); **H01K 1/24** (2006.01); **H01K 1/32** (2006.01); **H01K 3/06** (2006.01)

CPC (source: EP KR US)  
**H01K 1/24** (2013.01 - EP KR US); **H01K 3/06** (2013.01 - EP KR US)

Cited by  
EP1918976A3; GB2300297B; EP0686998A1; US7639930B2; DE202009012809U1; DE202009008919U1; WO2007006281A3; EP1339094A2; EP0678901B1

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**EP 93302354 A 19930326**; CA 2089276 A 19930211; DE 69315108 T 19930326; ES 93302354 T 19930326; JP 6490593 A 19930324; KR 930002497 A 19930223; MX 9301734 A 19930326; TW 84215408 U 19921209; US 22440494 A 19940407